

CLAIMS

1. Conveyor of leaves and other products on a belt for laying the same products as a single layer, characterised in that it comprises at least a perforated collection belt, at least a suction hood having a surface provided with holes for passage of air flow, an air suction device coupled with said hood, and dragging means for said at least a collection belt, said collection belt sliding by said dragging means along said perforated surface of said suction hood, said suction device generating an air flow both through said holes of said surface of said at least a suction cap, and through said holes of said at least a collection belt, allowing the coupling on said at least a collection belt of a single layer of said leaves and other products due to their passage close to said at least a collection belt.

2. Conveyor of leaves and other products according to claim 1, characterised in that said conveyor provides a slidable belt to carry said leaves and other products close to said at least a collection belt.

3. Conveyor of leaves and other products according to claim 2, characterised in that said slidable belt is provided under said at least a collection belt.

4. Conveyor of leaves and other products according to one of the claims 2 - 3, characterised in that said slidable belt is provided on a support structure.

5. Conveyor of leaves and other products according to one of the preceding claims, characterised in that the perforated surface of said suction hood is a curved surface.

6. Conveyor of leaves and other products according to one of the preceding claims, characterised in that said suction hood comprises a belt for collecting impurities, said belt having holes with sizes lower than the sizes of the holes of said at least a collection belt.

7. Conveyor of leaves and other products according to claim 6, characterised in that said impurity collection belt slides inside and parallel with respect to said at least a collection belt, allowing filtering impurities present in said leaves and other products.

8. Conveyor of leaves and other products according to one of the claims 6 and 7, characterised in that said impurity collection belt places said impurities within a container.

9. Conveyor of leaves and other products according to one of the preceding claims, characterised in that said conveyor provides means for washing said leaves and other products.

5 10. Conveyor of leaves and other products according to claim 9, characterised in that said means for washing said leaves and other products are provided above and/or under said at least a collection belt.

11. Conveyor of leaves and other products according to one of the claims 9 or 10, characterised in that said conveyor comprises a space for collecting water used for washing said leaves and other products.

10 12. Conveyor of leaves and other products according to one of the preceding claims, characterised in that said conveyor comprises means for drying said leaves and other products.

13. Conveyor of leaves and other products according to claim 12, characterised in that said means for drying said leaves and other products are provided on said at least a collection belt.

14. Conveyor of leaves and other products according to one of the claims 12 or 13, characterised in that said drying means comprises an air suction device.

15 15. Conveyor of leaves and other products according to one of the preceding claims, characterised in that said conveyor comprises a first and a second collection belt section.

16. Conveyor of leaves and other products according to claim 15, characterised in that said first and a second collection belt section are superimposed in such a way that said first collection belt section couples with a first side of said leaves and other products, and said second collection belt section couples with the other side of said leaves and other products.

17. Conveyor of leaves and other products according to one of the claims 15 and 16, characterised in that air flow for coupling with said first and a second collection belt section dries said leaves and other products on both sides.

18. Conveyor of leaves and other products according to one of the claims 14 - 17, characterised in that said two conveyor belts are provided vertically.

19. Conveyor of leaves and other products according to one of the preceding claims, characterised in that said conveyor comprises a space for collection of said leaves and other products taken from said collection belt.

20. Conveyor of leaves and other products according to one of the preceding claims, characterised in that said air suction device is comprised of a pump.

5 21. Conveyor of leaves and other products according to one of the preceding claims 1 - 19, characterised in that said air suction device is comprised of a fan.

10 22. Conveyor of leaves and other products according to one of the preceding claims, characterised in that it comprises means for vibrating said collection belts and/or conveyor belts to more uniformly laying said leaves and other products on said collection belts and/or conveyor belts .

23. Conveyor of leaves and other products according to one of the preceding claims, characterised in that said leaves and other products collected by said collection belt are brought again close said at last a collection belt.

15 24. Conveyor of leaves and other products according to each one of the preceding claims, substantially as illustrated and described.